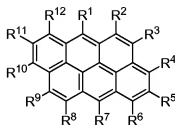


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A organic luminescent material comprising compounds of the following structure:



wherein:

each of R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, and R¹² represent an [are] individual substituent group[s], and

Group 1: hydrogen, or alkyl of from 1 to 48 carbon atoms, and each R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, and R¹² can connect with their neighboring group to form 5 or 6 member cyclic or aromatic ring system, and

Group 2: aryl or substituted aryl of from 5 to 48 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused aromatic ring of naphthenyl, anthracenyl, pyrenyl, or perylenyl; and

Group 3: heteroaryl or substituted heteroaryl of from 5 to 24 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused heteroaromatic ring of furyl, thienyl, pyridyl, quinolinyl and other heterocyclic systems; and

Group 4: alkoxy, amino, alkyl amino, aryl amino dialkyl amino, or diaryl amino of from 1 to 24 carbon atoms; and

Group 5: a group consist of CN, NCS, NCO, B(OH)₂, B(OCH₂CH₂O), B[OC(CH₃)₂C(CH₃)₂O], SO₂ R¹³, SO₃ R¹⁴, SO₂NR₂, SiR₃, SiHR₂, SiR₂OH, where R, R¹³ and R¹⁴ is hydrogen, chlorine, bromine, alkyl group containing 1-12 carbon atoms, and aryl; and

Group 6: a group of formula -LY_nR¹⁵ where n is 0 to 18, Y is a alkyl group contains 1 to 24 carbon atoms, R¹⁵ is a hydrogen, hydroxy, amino, alkylamino, arylamino, alkyl arylamino, diarylamino, dialkylamino, or -COR¹⁶ where R¹⁶ is a hydrogen, chlorine, COCl, alkyl group containing 1-12 carbon atoms, -NR₂, -NHR and aryl, or -COOR¹⁷ where R¹⁷ is a hydrogen, alkyl group containing 1-12 carbon atoms, aryl, COR, 2,4-dinitrophenyl, N-imido or -NR₂; and L is a direct bond or C=O; further

at least one substituent group of [is not hydrogen among the] R¹, R³, R⁷, and R⁹ groups is not hydrogen and none of the substituent groups is an amine.

Claim 2 (Currently amended): The material according to claim 1, wherein the individual substituent groups are selected from the group [consist] consisting of hydrogen, or an alkyl of from 1 to 48 carbon atoms, and R₂ and R₃, R₅ and R₆, R₈ and R₉, R₁₁ and R₁₂ can connect to form 5 or 6 member ring system.

Claim 3 (Currently amended): The material according to claim 1, wherein the individual substituent groups consist[s] of aryl or substituted aryl of from 5 to 48 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused aromatic ring of naphthenyl, anthracenyl, pyrenyl, or perylenyl.

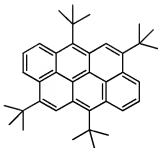
Claim 4 (Currently amended): The material according to claim 1, wherein the individual substituent groups are selected from the group consisting [consists] of heteroaryl or substituted heteroaryl of from 5 to 24 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused heteroaromatic ring of furyl, thienyl, pyridyl, quinoliny and other heterocyclic systems.

Claim 5 (Currently amended): The material according to claim 1, wherein the individual substituent groups consist[s] of alkoxyl, [~~amino, alkyl-amino, aryl-amino, dialkyl-amino, or diaryl-amino~~] of from 1 to 24 carbon atoms.

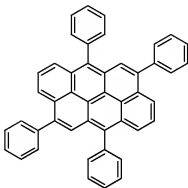
Claim 6 (Currently amended): The material according to claim 1, wherein the individual substituent groups consist[s] of F, Cl, Br, I, CN, NCS, NCO, B(OH)₂, B(OCH₂CH₂O), B[OC(CH₃)₂C(CH₃)₂O], SO₂ R¹³, SO₃ R¹⁴, SO₂NR₂, SiR₃, SiHR₂, SiR₂OH, where R, R¹³ and R¹⁴ is hydrogen, chlorine, bromine, alkyl group containing 1-12 carbon atoms, and aryl.

Claim 7 (Currently amended): The material according to claim 1, wherein the individual substituent groups consist[s] of a group of formula -L(CH₂)R¹⁵ where n is 0 to 12, R¹⁵ is a hydrogen, hydroxy, [~~amino, alkylamino, arylamino, dialkylamino,~~] -COR¹⁶ or -COOR¹⁷ where R¹⁶ is a hydrogen, chlorine, COCl, alkyl group containing 1-12 carbon atoms, -NR₂, -NHR or aryl and R¹⁷ is a hydrogen, alkyl group containing 1-12 carbon atoms, aryl, COR, 2,4-dinitrophenyl, N-imido or -NR₂ and L is a direct bond or C=O.

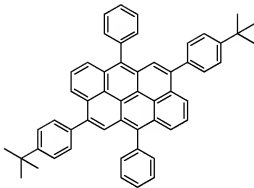
Claim 8 (Original): The material according to claim 1, wherein said compound is:



Claim 9 (Original): The material according to claim 1, wherein said compound is:



Claim 10 (Original): The material according to claim 1, wherein said compound is:



Claim 11 (Original): The material according to claim 1, wherein said compound is:

